Technical Data Sheet

Introduction

Upgraded version of economical leather multifunctional safety shoes, suitable for a variety of scenarios. Full leather upper, durable and easy to clean. Wear-resistant and non-slip outsole, breathable and comfortable mesh lining for a comfortable wearing experience.

Product name :	Andanda Neptune leather safety shoes
Product model :	10180Pro-G
SKU:	AC5625830 - AC5625840
Sizing:	35-45 (EU size)
Packaging Specifications :	1 pair / box 8 boxes / carton
Outer box size :	500x480x360mm
Executive standard :	GB 21148-2020 ASTM F2413-18
The main function:	Anti-smashing / anti-piercing / anti-static

Features

- Full leather upper, durable and easy to care for;
- Standard steel toe cap steel midsole, stable performance, light and comfortable to wear;
- Newly upgraded two-color dual-density PU outsole, more wear-resistant and non-slip;
- The sole pattern is upgraded for better bending resistance;
- Wear-resistant mesh lining, strong breathability;
- Oxford cloth waist, beautiful and wear-resistant;
- High-elastic Hyperion insole for long-lasting wear.

Applications

It is suitable for use scenarios such as dry environment (foundation) , uneven ground, and ground with puncture risk.

Industries

Suitable for automotive, construction, manufacturing, logistics, warehousing and other industries.

Performance

structure	material	performance
vamp	two-layer cowhide	Tear force ⩾ 120N
Lining	Composite mesh cloth	Water vapor permeability ⩾ 2.0mg/(cm^2 · h)
insole	Hyperion	Water absorption ⩾ 70mg/cm^2
Puncture-resistant midsole	Standard steel midsole	Piercing force ⩾ 1100N
Toe	Standard steel toe cap	Anti-smashing> 200J; static pressure resistance> 15KN
Sole	Dual density PU	Wear resistance relative volume wear ⩽ 150 mm^3 Oil resistance volume change ⩽ 12%
whole shoe	Whole shoe resistance	100KΩ-1000MΩ

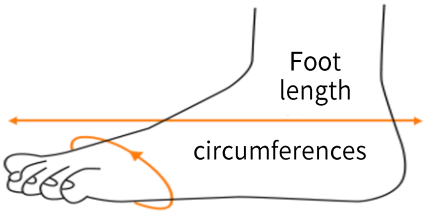
Size Specification

size chart											
Euro code EUR	35	36	37	38	39	40	41	42	43	44	45
US size USA	4	5	5.5	6.5	7.5	8	8.5	10	10.5	11	12
Foot length (mm)	220	230	235	240	250	255	260	270	275	280	290

Note: The correct posture must be used during measurement: stand with feet parallel (do not sit, do not squat), and distribute the weight equally on both feet.

Foot code description:

① The two feet of a person are basically symmetrical, and the data of the larger foot shall prevail;
② When the instep is high and the foot is wide and fat, it is recommended to choose a larger size;
When the instep is flat and the foot is slender, it is recommended to choose a size smaller;
③ The shoe size data is for reference only, and is based on personal wearing experience.



Use Instructions

- Antistatic footwear must be used if static electricity build-up must be minimized by dissipating static charge to avoid ignition risks such as flammable substances and vapors, and if the risk of electric shock from any motor or live parts is not eliminated . However, it should be noted that anti-static shoes only add a resistance between the foot and the ground, and do not guarantee sufficient protection against electric shock. If the risk of electric shock is not completely eliminated, other measures should be taken to avoid this risk. Such measures, like the additional testing mentioned below, should be a routine part of workplace accident prevention procedures.
- Experience has shown that for anti-static shoes, the discharge path through the product should have a resistance of less than 1000MΩ during its entire service life. When the voltage reaches 250V , in the event of any circuit failure, to ensure a certain degree of protection against electric shock or ignition hazards while providing a certain degree of protection, the minimum resistance value of the new shoes is 100KΩ . In some cases, however, the user should be aware that the shoe does not provide adequate protection and therefore additional measures should always be taken to protect the wearer.
- The electrical resistance of such shoes can change significantly due to bending, contamination or moisture. Some products will not perform their intended function if worn in wet conditions. In order to ensure that the product can achieve its designed function of dissipating the charge during the entire service life and provide some protection at the same time, it is recommended that users establish a test mechanism for shoe resistance and conduct regular testing.
- If used for extended periods of time, Class I shoes will conduct electricity due to reduced electrical resistance due to moisture absorption.
- If the sole material is susceptible to contamination during use, the wearer should check the resistance of the shoe each time before entering the hazardous area.
- In places where anti-static shoes are used, the ground resistance should not cause the protective function of the shoes to fail.
- During use, there must be no insulating parts between the insole and the foot. If there is an insole between the insole and the foot, check the overall resistance of the shoe

Warning

- Whether the safety shoes can be used in conjunction with other safety protection products (safety pants and leggings) should be judged by the user to avoid safety risks during use.
- This product is not resistant to strong acid and alkali, and is not suitable for places that are often exposed to corrosive media such as chemicals.
- This product comes with a pair of detachable insoles that have been tested as part of the shoe, so the insole should be used with the shoe and cannot be substituted with other materials that will affect the protective performance of the shoe. If replacement is required, use the same insole provided by the manufacturer.

Use Limitations

- It cannot be used in high temperature and wading environment for a long time, otherwise it will seriously affect its service life, and even degumming and breaking the bottom.
- The Water Permeability and Water Absorption Test (WRU) of the upper only involves the material of the upper and does not guarantee the overall waterproofness of the shoe.

Storage

The product should be stored in the original packaging, and stored in a cool, dry, frost-proof and light-proof place to avoid the existence of high-power electric fields and power generation equipment in the storage environment.

Maintenance

- Regularly clean safety shoes, but should not use solvents as cleaning agents, and try to avoid direct rinsing with water;
- When cleaning, use a soft brush or a slightly damp cloth to remove dust and dirt from the shoes, and then dry in a ventilated place.

Related Products

Product name: ZUG200 classic protective glasses (anti-fog)
Item model number: 10103
SKU: HE5864
Implementation standard:
GB 14866-2019

Product name :
Foldable dust mask
Product Model: 9523A
SKU: AA 1749607
Executive standard:
GB 2626-2019

Product Name: PAO 9
SPU: 106013
Standard: GB 21148-2020, ASTM F2413-18, EN ISO 20345-2022

Product name:
Double-point full body harness
Item model number: AH102
SKU: AA4867074
Executive standard: GB 6095-2009